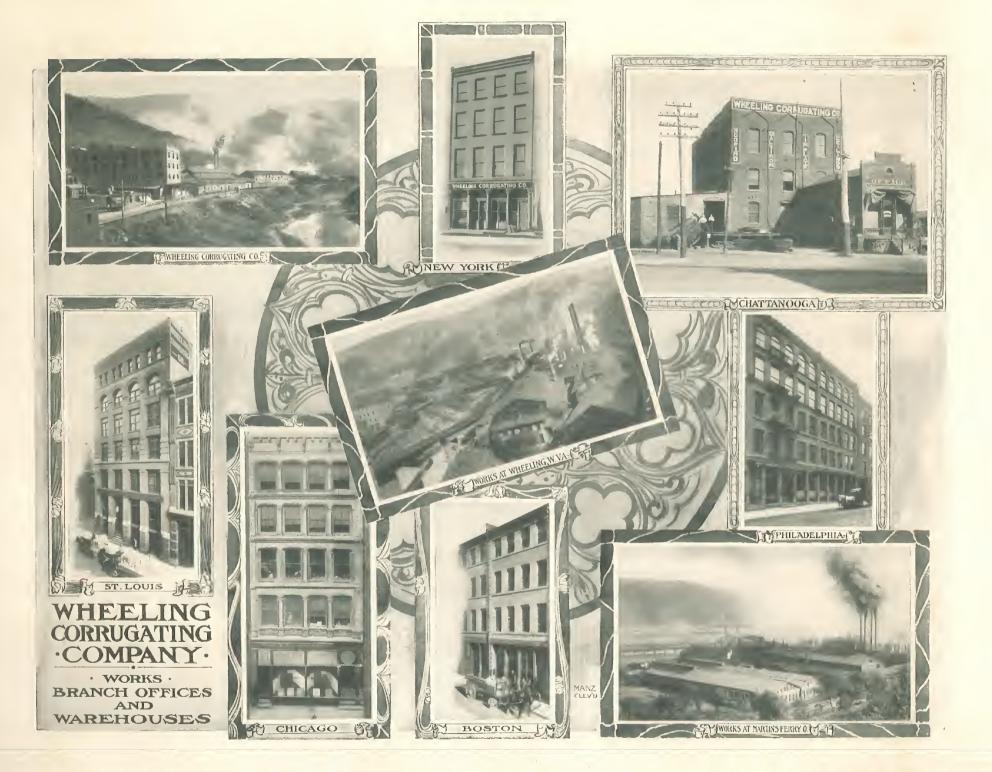
ENGAUSTIC METAL GEILINGS

WHEELING GORRUGATING GO. WHEELING, W. VA.

SOLE MANUFACTURERS UNDER LETTERS PATENT







"ENCAUSTIC METAL" ENAMELED CEILINGS AND SIDE WALLS



MADE OF STEEL, COVERED WITH PATENT PROCESS ENAMEL BURNED ON TO THE METAL, AND DECORATED IN ALL COLORS AND SHADES, AND WITH OR WITHOUT NON-TARNISHING BURNED ON GOLD DECORATION

WHEELING CORRUGATING CO.

WHEELING, W. VA.

BRANCH OFFICES & WAREHOUSES

NEW YORK, 47-51 CLIFF ST. CHICAGO, 45-47 LAKE ST. ST. LOUIS, 112-116 S, EIGHTH ST. PHILADELPHIA, 402-106 RACE ST. BOSTON, MASS., 132-134 PEARL ST. CHATTANOOGA, TENN. PITTSBURG, 127 FOURTH AYE.

SOLE MANUFACTURERS UNDER LETTERS PATENT ALL INFRINGEMENTS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW



"Eucaustic Metal"--- A revolution in steel ceilings

In issuing this catalogue and placing on the market under a distinctive name our Burned On Enameled Steel Ceilings and Side Walls, it is our aim to keep before our customers the fact that in purchasing "Encaustic Metal" they are securing an article as distinct from the old fashioned painted metal ceiling, as is tile.

Their only point in common is the stamped steel from which both are made. "Encaustic Metal" is a combination of steel sheets stamped in beautiful and artistic designs, and coatings of our Patent Flexible Enamel. Each coat of enamel, and also the gold decorations, are burned on to the metal separately under the action of intense heat. The finished product is a flexible, durable, enameled sheet, that will retain its original beauty of color and finish indefinitely.

"Encaustie Metal" is not an experiment. It has successfully passed both that and the skeptical stage. We print in this catalogue letters from business men who have had it in their places of business for several years.

If you are in search of Beauty, Durability, Artistic Effect, More Light, Less Trouble, No Expense for Redecorating, you have found it in

"Enraustic Metal."

The Enamel

In every line of manufacture where it is needed to employ metal, and where the article is to be exposed to wear and tear through daily use or the action of the elements, the constant aim has been to produce a coating that will resist destructive attacks from these sources.

Enamel, either porcelain or otherwise, with its hard, non-porous and highly polished surfaces, has always proved the favorite, and, as in the case of bath tubs, kitchen ware, etc., has easily and entirely supplanted all other coverings—such as tin, electro-plate, paint, and the like.

Ever since metallic ceilings and wall coverings have come into general use through their many points of excellence over wood and plaster, the need of a better surface than that given by paint has been generally realized, and a substitute eagerly sought after.

The great difficulty of producing an enamel with the combined qualities of a hard, poreclain-like surface and at the same time sufficient flexibility to stand transportation, handling and erection, has never elsewhere been overcome.

As a result of long and successful experience along similar lines, we know that PATENT BURNED ON DECORATED ENAMELED METAL CEILING AND WALL COVERINGS possess all the above qualities.

They are not subject to action of acids or alkalies and are not affected by heat or cold, moisture or age, in the ordinary usages of dwellings or business houses.

They can be washed off as often as desired without losing their fresh appearance.

They do not catch the dirt and grease like a painted surface.

They are complete when placed in position and your store will not be torn up and full of scaffolding for days while the ceiling is being decorated.

They increase your business by the added beauty of your store room.

In cleaning Encaustic Metal interiors use only the best soap, warm water and a sponge; wipe them off and rub dry and polish with a soft cloth.

Our enamel has a surface like glass and it is never necessary to scrub it.

Our enameled ceilings are as easily put up as the painted ones, and can be erected by any one familiar with the erection of metal ceilings.

In the matter of gold decoration, the mouldings and coves only need be decorated and the balance of ceiling left plain, thus reducing the cost without materially detracting from the beauty and general effect.

Beauty—Permanency—Convenience

Proceduration Metal Ceilings add to the beauty and appearance of any room. The burning on of the colors prevents their fading or growing dull. The enamel is never brittle, but hard and elastic, retaining its lustre permanently. The gold decoration adds greatly to the beauty of a ceiling. It is the only gold decoration made that will not tarnish.

The Encaustic Metal Ceilings are made to last. The metal cannot rust, for it is thoroughly coated on both sides. The colors cannot fade nor the gold tarnish, for they are burned on and are covered with an enamel also burned on which protects them from the action of the atmosphere.

From the standpoint of convenience, Encaustic Metal Ceilings have features to recommend them over any other style of ceiling. When the erectors are through, the ceiling is finished. No waiting for painters. No scrubbing of paint blotches on the floor, then or later. When the ceiling becomes soiled, or smoked, a wet sponge and a little soap, a dry cloth and Presto—the ceiling is new once more.

Encaustic Metal Ceilings will add ten per cent. at least to the light and brightness of any room. Paint absorbs light; enamel reflects and distributes it.

Encaustic Metal Ceilings are not affected by leaking or broken water pipes. They are water and rust proof, being enameled on both sides.

The first cost of Encaustic Metal Ceilings is somewhat higher than ordinary painted metal ceilings. In the last analysis of final cost, they are much lower, for they never need redecorating, only a little cleaning. In beauty they are equaled only by frescoes, in durability by tiles—either at many times the cost.

Color Arrangements—Gold Decorations

THE color plates as shown in this catalogue are mere attempts at showing the beauty of our enameled ceilings. It is only the general effect we can produce. The finish and color of our enamel and gold decorations are beyond the power of printer's ink, no matter how artistically it may be used. The variety of combinations in tints is practically unlimited. The different designs are shown in one color arrangement each, but any design can be furnished in any of the arrangements or in any variation desired. We can and do make any color desired, from white to black, but the following are our stock tints:

Blue—Very Light, Light, Medium, Dark.

Green " " " " "

Pink—Light, Medium.

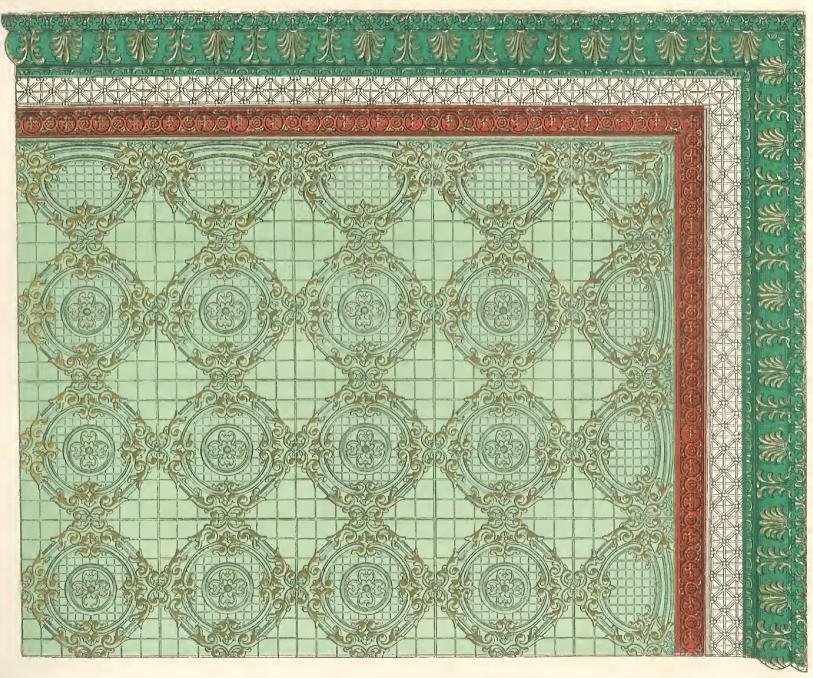
Buff—Light, Medium, Dark.

Red.

White.

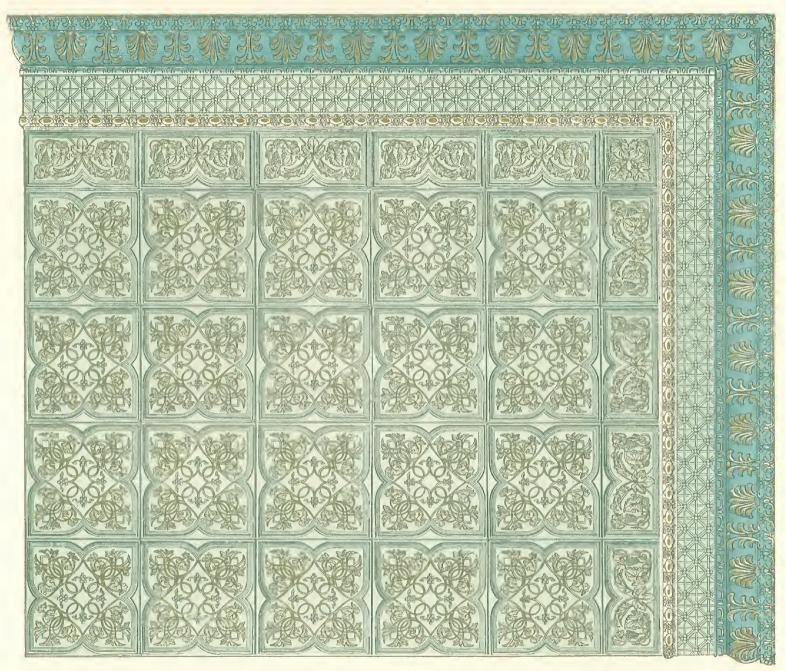
We furnish ceilings in tints only, or with gold decoration if desired at a small extra charge. We use gold decoration in the manner we deem most advantageous in bringing out and heightening the artistic effect of each design, but can use more or less of it, or lighter or heavier, as may be desired.

We erect Encaustic Metal Ceilings anywhere in the United States, or will furnish the material only.



Ceiling Design No. 31213. Color Arrangement No. 1. Composed of Cornice 3221, Filler 3263, Border 3448, Corner 3449, Field 3430.

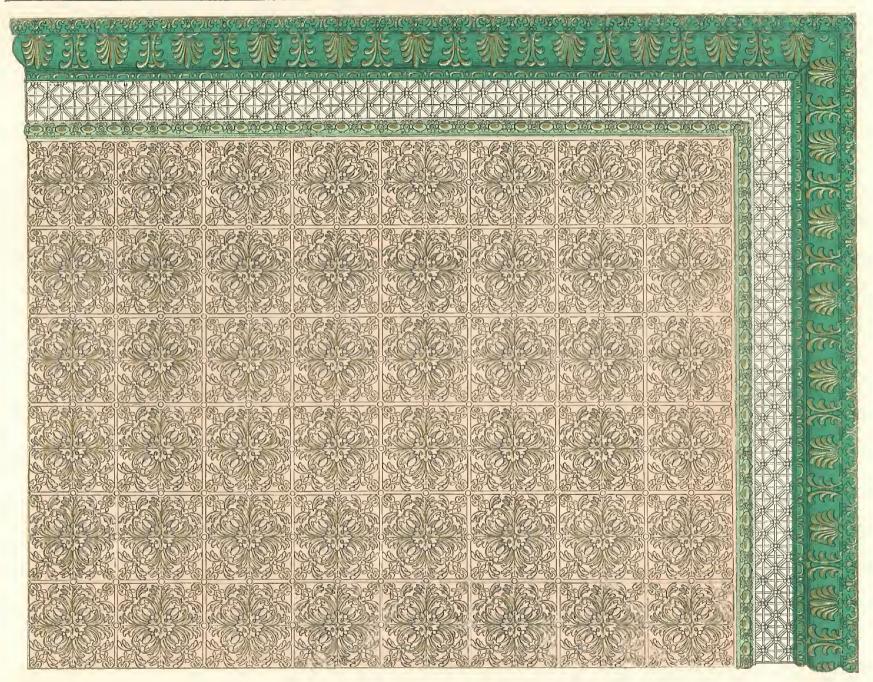




Ceiling Design No. 36052.

Color Arrangement No. 2.



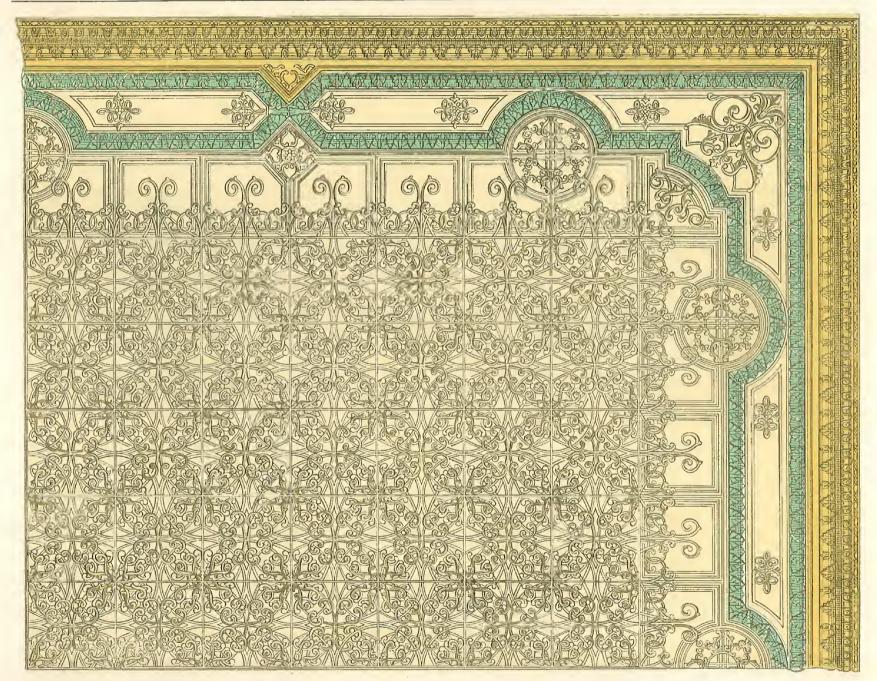


Ceiling Design No. 31262,

COLOR ARRANGEMENT No. 3.

Composed of Cornice 3221, Filler 3263, Mold 3289, Field 3206.

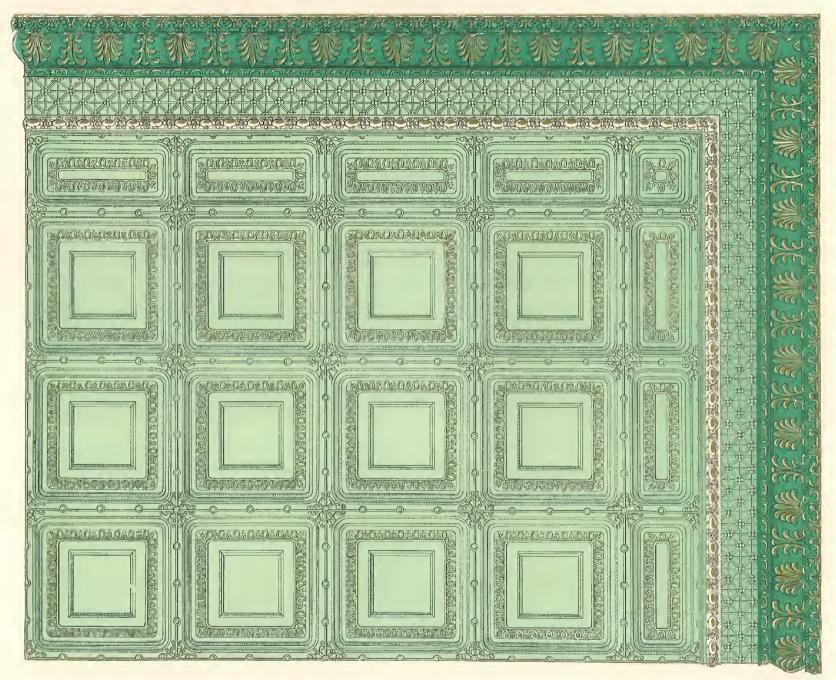




CEILING DESIGN No. 31210

Color Arrangement No. 4.



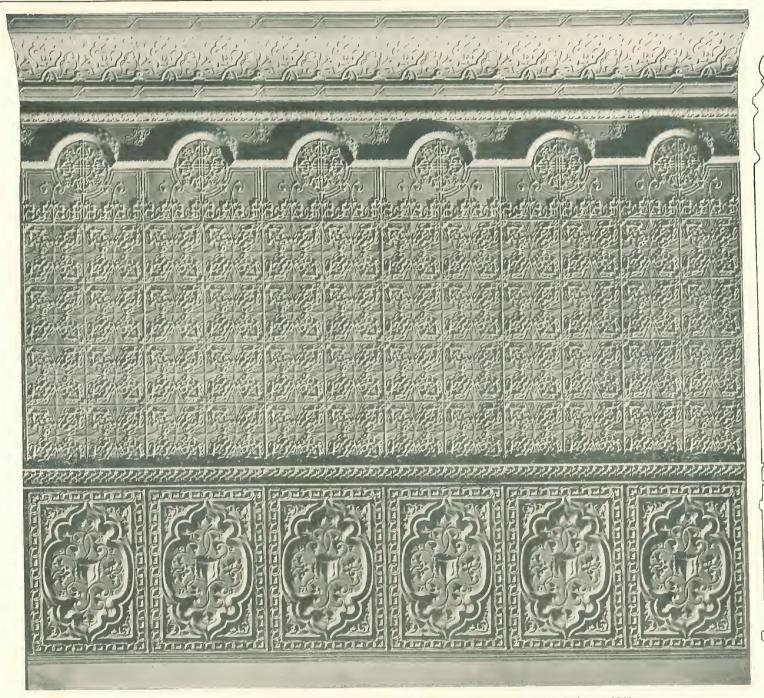


Ceiling Design No. 31132.

Color Arrangement No. 5.

Composed of Cornice 3221, Filler 3263, Mold 3289, Panels 3497, 3498 and 3271.





WALL DESIGN No. 31151

Composed of Cornice 3349, Frieze 3343, Plates 3342, Rail 3353, Wainscot 3346.



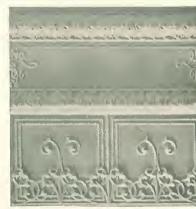
No. 3343. Border,



24 x 24 in.



No. 3342. Ceiling Plate.



24 x 48 in. or 24 x 24 in.





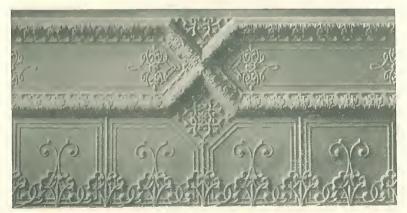
No. 3345. Outer Corner.



24 x 24 in.



No. 3344. Inner Corner, 24 x 24 in.



No. 3347. Border.





No. 3447. Border.

 24×48 in.



No. 3430. Ceiling Plate.

24 x 48 in. or 24 x 24 in.



No. 3448. Border.



No. 3449. Outer Corner. 24 x 24 in.

24 x 48 in. or 24 x 24 in.



No. 3450. Inner Corner. 24 x 24 in.



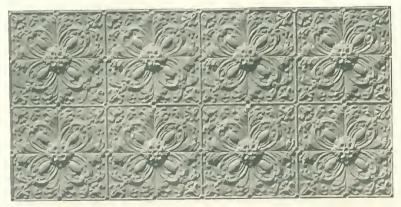
No. 3770. Border. 12 x 12 in.



No. 3766. Border Plate. 12 x 24 in.



No. 3765. Ceiling Plate. 24 x 24 in.



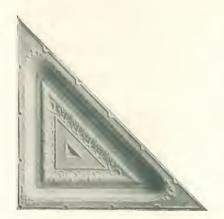
No. 3206. Ceiling Plate.

24 x 48 in, or 24 x 24 in,



No. 3271. Ceiling Panel.

 $1\frac{3}{8}$ in, deep. 24×24 in.



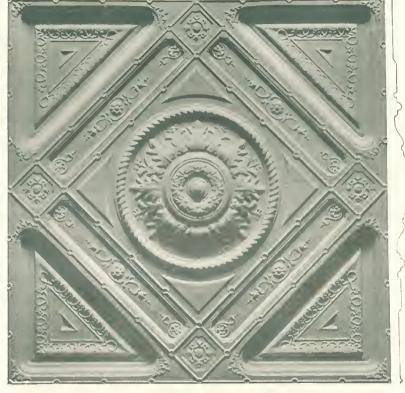
No. 3439. $1\frac{3}{8}$ in. deep. 24 x 24 in.



No. 3437. Ceiling Panel. $1\frac{3}{8}$ in. deep. 18×18 in.



No. 3497. Ceiling Panel, $1\frac{3}{8}$ in, deep. 12×24 in.



No. 3027.

Center.

No. 3435.

13/8 in. deep. 48 x 48 in.



5 x 29 in.



No. 3436. Ceiling Panel, $1\frac{3}{8}$ in, deep. 18×24 in.



No. 3498. Ceiling Panel. $1\frac{3}{8}$ in. deep. 12×12 in.



No. 3438. Ceiling Panel. $1\frac{3}{8}$ in. deep. 12×18 in.



No. 3324. Center. 1⁷/₈ in. drop. 24 x 24 in.



No. 3241. Mold.

 $1\frac{1}{2}$ in, deep.

12 x 48 in.



No. 3487. Center. $2\frac{1}{2}$ in, drop.

24 x 24 in.



No. 3242. Cross.



No. 3243. Tee.



No. 3244. Ell.



No. 3289. Mold.

3 x 48 in.



No 3460. Mold.

6 x 48 in.



No. 3464. Mold.

9 x 48 in.



3460. Cross.



3460. Tee.



3460. Ell.



3464. Cross.



3464. Tee.



3464. Ell.





No. 3815.

6 in. projection.

9 in, deep. 48 in, long.

No. 3221. Cornice. $7\frac{1}{2}$ in. projection, 10 in. deep.



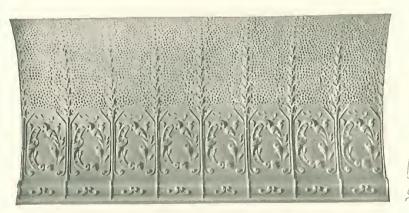
No. 3292. Cornice.

6 in. projection.

48 in. long.

 $5\frac{1}{2}$ in deep.

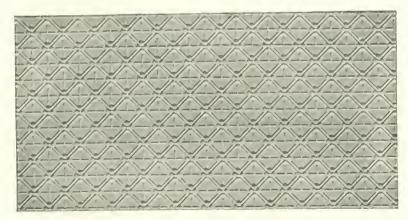
48 in. long.



No. 3672.

Coved to 18 in, radius,

48 in. long.



No. 3263. Filler.

 24×48 in.

Directions

Hom to Order Burned On Enameled Ceilings

E will take pleasure in suggesting suitable designs, special arrangements for Churches, Theaters, Amusement Halls, Business Rooms, School Buildings and Dwellings of all classes.

To give an intelligent idea of what our enamel ceiling will cost ready to put up, parties should send us a correct sketch of the room, giving all dimensions, when we will submit Design Drawings and estimate on amount of stock and cost of same.

The following rules, if noted carefully, will prove of mutual benefit when making inquiry for a design or plan of ceiling, or in ordering one:

Furnish us with Architect's plan, if any; otherwise make pencil sketch, showing shape of surface to be covered and accurate measurements. Show all offsets or obstructions of any kind, such as chimneys, pilasters, stairways, elevators, etc. It is of importance to give accurate dimensions of the foregoing and the location of same.

What depth of Cove or Cornice can be used entirely around the room? Give distance from ceiling line down to top of door or window casings. In business rooms, it may be no Cornice can be used over plate glass front, but there may be no obstruction on either side or rear wall for Cove finish.

What is the height of ceiling?

Are stairs and elevators closed so as to use same depth of Cornice around same as on wall?

Give location and size of all beams or girders and state whether of wood or iron; also whether running lengthwise or crosswise of the room. Give exact location by measuring from center of girder to each wall. Then how much of girder is exposed below the ceiling and how wide. Give location of all chandeliers or other drops in ceilings.

In business rooms state whether metal ceiling shall be used in show windows and whether show window ceilings are on a level with main ceiling.

Are show windows cut from the main ceiling by a door or partition? If so, give separate measurements for each space to be covered. For metal side walls give measurement from ceiling line to floor line and state the width of wood baseboard. Make note of size and location of all doors, windows and other spaces not to be covered with metal.

When accurate information is furnished we supply a working drawing, (without charge) which fully shows how to carry out the application of metal work as intended.

Notice to Umpers

Any good mechanic can erect the Enameled Ceilings, but if we erect them the following rules must be conformed to:

The buyer of work erected complete in place is to prepare the room for the Sheet Metal work by removing all electric wires, drops and other obstructions, change location of pipes when necessary to conform to center pieces, and complete all masonry and carpenter work, leveling of joists when necessary and provide material for all false girders when the same are specified or required. When such removals and preparations are not made, the same may be performed by the seller, and cost of same and of delays thereby be charged to the buyer, who must also be responsible for any additional cost or damage to the seller by inaccuracies or errors in dimensions furnished by him, on which the seller's estimates are based.

DIRECTIONS-CONTINUED.

Accurate Measurements

Accuracy in taking measurements is of the greatest importance. We will not be responsible for result of work prepared from incorrect measurements and information. Actual measurements which in any way differ from the measurements used in preparing our working Drawings will make a difference in the material to be used; such differences must be made good only at the expense of the purchaser.

Meights

Enameled ceilings and side wall weigh about 70 pounds to the square (100 square feet) boxed ready for shipment.

Plastered Ceilings and Side Walls

Metal ceilings and side walls are applied over plaster without removing the plaster, by using wood furring strips.

Kules for Measurementsin Estimating Price or a Cump Sum for Material Exerted

For Ceiling

THE area to be charged for is obtained by adding twice the vertical height of cornice from bottom of cornice or bottom of foot mould, if one is used, to the full length and breadth of the room and multiplying the length and breadth thus obtained together, making no deductions for any skylight measuring less than one square, or for any other opening, stairway, chimney or other projection measuring less than fifty square feet, nor for larger openings or projections, more than for all whole sheets saved. To the above add a small percentage for waste and mitering.

For Side Walls and Wainscoting

Area charged for is obtained by multiplying the belt measurement of the room by height from base of foot mould on cornice to baseboard, making no deductions for any openings measuring less than 25 square feet, nor for larger openings, more than for whole sheets saved.

In computing this class of work, the Contractor must make provision for wastage and loss of material in his price.

Nails and Brackets

Prices we quote include nails for applying and wood brackets for mouldings and cornices.

Furring Strips

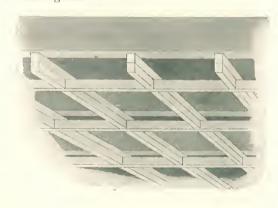
We do not furnish wood furring strips unless specially ordered, when same are charged extra. These strips weigh about 35 pounds per square; $1 \frac{1}{2} \times \frac{1}{2}$ is the usual size strip required.

Instructions for Applying

STRIKE chalk lines the length of the room at distances indicated on the blue print so that they coincide with the center lines of the nailing beads on the plates. On these lines, nail $\frac{7}{8} \times \frac{11}{4}$ inch furring strips. Between these strips and across the room, nail ''headers'' or cross strips at distances from center to center equal to the distances between centers of the nailing beads of the plates as indicated on the blue print. Nail strips in angle of ceiling and wall and at a distance from the wall equal to the projection of the cornice to receive the cornice brackets. Bring the strips to a uniform depth by driving wedges between the strips and the old ceiling or joists, otherwise the ceiling will present an uneven appearance when completed.



Flat plates may be applied to sheathing, in which ease no furring strips will be required, but the sheathing should be level.



The Field should be applied first, then the Corniee and finally the Mould or Filler, as the ease may be.

Beginning at one corner apply the ceiling plates across and along the room, keeping the lapping edges running from the light. Each piece should be carefully lapped so the beads will be straight and true and the joints not noticeable. The plates should be nailed at about 6 inch intervals with one inch wire nails with small heads. Use a sharp punch for making nail holes where there are more than two thicknesses of metal. The filler plate is cut to the proper width and lapped under the member on the side away from the cornice.

Close or 'swedge' with a small dull tool any joints which may not have lapped tightly owing to the lapping beads having been bent or flattened in applying.

Mandel Brothers,

DRY GOODS,
State and Madison Streets, Chicago,

"We now have our entire second floor furnished with your 'Burnt On' Enameled Metal Ceiling, aggregating about sixteen thousand square feet of surface covered. It has given us the best of satisfaction, and has met all requirements, and we consider that it adds greatly to the appearance of store."

Maronbray & Co.

ARCHITECTS,
326 Fourth Avenue, Pittsburg.

"We have used a great deal of your Burnt On Enameled Ceilings with entire satisfaction. When the Orne & Howland building, 816 Penn Avenue, was partly destroyed by fire two years ago, the ceilings were exposed to smoke and leat and were soaked by water. We found no indication of any rusting, either at that time or since. This was the most severe test that your ceilings can be put to and they came through it without apparent damage."

D. T. Clark & Co.

WHOLESALE CONFECTIONERS, McKeesport, Pa.

"Your enameled ceilings are all right. We have no doubt that they only need to be seen to be appreciated, and are sure the builder who desires to use them, as we did, will always congratulate himself for having done so."

Charles Berkmann.

HOTEL AND RESTAURANT,

Third Avenue, New York.

"In reference to the walls and ceilings of decorated and enameled iron which you put up for me in my restaurant, it gives me pleasure to say that your material is all you claimed for it when soliciting my order.

The gold decoration is extremely landsome, and gives an expensive appearance far greater than the actual cost of the work. You can refer anybody to me, and I will be glad to give you a word of recommendation."

Howard G. Strattan,

GENERAL MERCHANDISE, Falls Creek, Pa.

"Having placed one of your Burnt On Decorated Ceilings in my new place of business, Falls Creek, Pa., I take the liberty of saying that they surpass my expectations. In finish, beauty and workmanship they cannot be excelled."

A. J. Reiter,

PROPRIETOR THIRD AVENUE HOTEL,

McKeesport, Pa.

"Let me say, from having used them, that no one can make a mistake in adopting your enameled, decorated interiors. There isn't any comparison between them and the painted ones. The former are so much better in looks and lasting qualities. If this is not a strong enough recommendation let us know, and we will try to make it stronger."

Prudential Trust Company,

6124 Penn Avenue, Corner Center, Pittsburg, Pa.

"We take pleasure in recommending your work as demonstrated by the Metal Ceiling which you placed in our banking room, which is satisfactory both as to appearance and workmanship."

Genrye A. Charles,

BELLEFIELD PHARMACY,

Pittsburg.

"The ceiling of Encaustic Metal in my store room is all you claimed for it. The colors and gold decorations make an artistic effect that I do not believe could be duplicated in any other material for twice the money. To any one who knows the smoke and dirt of Pittsburg, the ease with which your ceiling is made as good as new with soap and water is a revelation."

Barker & Jackson

DRUG STORE, 1818 Washington Avenue, Chicago.

"My tenant at 1800 Wabash Avenue is well satisfied with the enameled ceiling you put on there. I think the embellishment adds much to the appearance of the drug store and will also make the premises more valuable."

Bessemer & Lake Erie R. R.

CHIEF ENGINEER'S OFFICE.

Greenville, Pa.

"If there is anything that we can do for you in the way of recommending your ceilings we will be only too glad to do so, as we are well pleased with the work."

"The Royal"

RESTAURANT,

320 Diamond Street, Pittsburg.

"I am very much pleased with the ceiling of Encaustic Metal purchased from you. I know of no other material that would give the same richness and finish to a room, nor match so appropriately with the Carrara Glass with which my walls are covered. The strongest recommendation I can give you is the fact that I am sending you customers."

R. M. Mehrle & Co.

JEWELERS, Indiana, Pa.

"The ceiling in my three story building is more than satisfactory and by far the finest ceiling in Indiana."



REGISTERED

TRADE BURNT ON MARK TRADE ENAMEL MARK

REGISTERED

PRICE LIST

ENGAUSTIC METAL CEILINGS

PLATES, GORNIGES, MOLDS, ETG.

£	3436 Panel 9.00 per square.	3435 Stile	3430 Plate 9.00 " "	3392 " 9.00 " "	3347 Border 9.00 " "	3345 "	3344 Corner 9,00 " "	3343 Border 9.00 " "	3342 Plate 8.00 per square.	3324 Center	3292 Cornice	3289 Mold	3263 Filler 7.00 per square.	3244 Ell	3243 Tee	3242 Cross	3241 Mold	3221 Cornice	3206 Plate 8.00 per square.	3027 Center\$2.34 each.
Sold Cofflice.		3766 Border	3765 Plate	3672 Cove	3498 "	3497 Panel	T	3464 Ell	3464 Tee	3464 Cross	3464 Mold	3460 Ell	3460 Tee	3460 Cross	3460 Mold	3450 "	3449 Corner	3448 "	3447 Border	3439 Panel\$
. Lo	.10	. 9,00 "	9.00	.25	9.00	9.00	.60	.09	.09	.09	.10	.05	.05	.05	.06	9.00	9.00	9.00	9.00	9.00
.16 per lineal 1001.	10 each	23	. 9.00 per square.	.25 per lineal foot.			11	1	1	each.	.10 per lineal foot	t t	13	.05 each.	.06 per lineal foot	9.9	33	11	11 11	\$9.00 per square.

COMPLETE CEILINGS

CEILING No. 36052	CEILING No. 31262	CEILING No. 31213	CEILING No. 31210	WALL No. 31151	CEILING No. 31132
Room,	Room,	Room,	Room,	Room,	Room,
15 x 20 feet 20 x 40 feet 25 x 60 feet	Room, 15 x 20 feet " 20 x 40 feet " 25 x 60 feet	15 x 20 feet 20 x 40 feet 25 x 60 feet	Room, 15 x 20 feet " 20 x 40 feet " 25 x 60 feet	. Room, 11 feet high.	15 x 20 feet 20 x 40 feet 25 x 60 feet
\$10.00 9,60 9,55	\$8.60 8.45 8.35	\$9.25 9.20 9.10	15 x 20 feet	high\$9.10 per square.	\$9.60
per square.	per square.	per square.	per square.	per square.	per square.

WHEELING CORRUGATING COMPANY

WHEELING, WEST VIRGINIA

BRANCH OFFICES and WAREHOUSES

NEW YORK, 47-51 CLIFF STREET. PHILADELPHIA, 402-406 RACE STREET. CHATTANOOGA. TENN. CHICAGO, 23-27 N. CLINTON STREET. PITTSBURG, 127 FOURTH AVENUE. BOSTON, MASS., 132-134 PEARL STREET. ST. LOUIS, 112-116 S. EIGHTH STREET.



